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| Filing Date | 10/28/2003 |
| First Named Inventor | Richard L. Goin |
| Art Unit | 2853 |
| Examiner Name | Juanita D. Stephens |
| Attorney Docket Number | 2003-0168.01 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| JP | | US- 4694308 | 09/15/1987 | Chan et al | 347/47 |
| | | US- 5291226 | 03/01/1994 | Schantz et al | 347/47 |
| | | US- 5442384 | 08/15/1995 | Schantz et al | 347/20 |
| | | US- 5648805 | 07/15/1997 | Keefe et al | 347/65 |
| | | US- 5852460 | 12/22/1998 | Schaeffer et al | 347/47 |
| | | US- 6158843 | 12/12/2000 | Murthy et al | 347/47 |
| | | US- 6322200 | 11/27/2001 | Feinn et al | 347/58 |
| | | US- 6364455 | 04/02/2002 | Yang et al | 347/47 |
| | | US- 2002/0093552 | 07/18/2002 | Yamamoto | 347/61 |
| | | US- 2002/0108243 | 08/15/2002 | Mou et al | 29/890.1 |
| JP | | US- 2003/0038864 | 02/27/2003 | Mou et al | 347/63 |
| | | US- 2002/0054191 | 05/09/2002 | Moon et al | 347/56 |
| | | US- 6387719 | 05/14/2002 | Mrvos et al. | 438/21 |
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FOREIGN PATENT DOCUMENTS

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